ABSTRACT OF THE DISCLOSURE

A dry surface treating apparatus of the present invention comprises, within a treating chamber, a surface-treating material supply section and a tubular barrel having a porous peripheral surface for accommodating a work piece, to treat a surface of the work piece while rotating the tubular barrel horizontally arranged about a horizontal rotational axis, wherein the tubular barrel has a slide stop for stopping a slide of the accommodated work piece along an inner peripheral surface of the tubular barrel due to rotation of the tubular barrel.

According to the dry surface treating apparatus of the invention, because the work piece is inverted of surfaces within the tubular barrel, the time the work piece at each surface faces the surface-treating material supply section is made equivalent. ~~Consequently, it is possible to provide even deposited-film formation or surface treatment to the opposite surfaces of a work piece, particularly, a rare earth metal-based permanent magnet in a plate or bow form.~~

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